

WHAT IS CLAIMED IS:

1. A protective circuit for a supersonic humidifier comprising:

An input terminal of DC source:

5 A voltage stabilizer connected to said input terminal of DC source:

A drive circuit of an oscillator connected behind said voltage stabilizer and having a terminal P2 to form a signal dividing voltage circuit to be sent to a compare circuit and
10 another terminal P1 to transmit signals to said compare circuit:

Said compare circuit including an OP amplifier, which has a third pin receiving signal input from said terminal P2, and a second pin receiving signals from said first terminal:
15 and,

Working current, working voltage and oscillating frequency of said oscillator immediately changing in case of no water left in a water tank of a supersonic humidifier, signal values of said terminal P2 and P1 then becoming different or
20 changing excessively large so that said second and said third pin of said OP amplifier may have different input values, letting said first pin of said OP amplifier receive signal output to transmit to the subsequent circuit so as to stop operation of said drive circuit of said oscillator and protectively turn off
25 said humidifier.